

(PCT Article 18 and Rules 43 and 44)

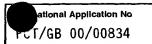
Applicant's or agent's file reference				
40336/JMD	ACTION (Form PCT/ISA/220) as well as, where applicable, item 5 below.			
International application No.	ternational application No. International filing date (day/month/year) (Earliest) Priority Date (day/month/year)			
PCT/GB 00/00834	/GB 00/ 00834 08/03/2000 10/03/1999			
Applicant				
ADPROTECH PLC et al.		·		
This International Search Report has bee according to Article 18. A copy is being tra	n prepared by this International Searching Aut ansmitted to the International Bureau.	hority and is transmitted to the applicant		
This International Search Report consists X It is also accompanied by	of a total of4 sheets. a copy of each prior art document cited in this	report.		
Basis of the report				
	international search was carried out on the bar less otherwise indicated under this item.	sis of the international application in the		
the international search w Authority (Rule 23.1(b)).	vas carried out on the basis of a translation of t	he international application furnished to this		
b. With regard to any nucleotide an was carried out on the basis of the		nternational application, the international search		
	ernational application in computer readable for	m.		
	this Authority in written form.			
X furnished subsequently to	this Authority in computer readble form.			
the statement that the sub international application a	osequently furnished written sequence listing d is filed has been furnished.	loes not go beyond the disclosure in the		
the statement that the info furnished	ormation recorded in computer readable form is	s identical to the written sequence listing has been		
2. X Certain claims were fou	nd unsearchable (See Box I).			
3. Unity of invention is lac	king (see Box II).			
4. With regard to the title ,				
the text is approved as su	bmitted by the applicant.			
	hed by this Authority to read as follows:			
ORGAN TRANSPLANT SOLUTIONS CONTAINING CONJUGATES OF SOLUBLE PEPTIDIC COMPOUNDS WITH MEMBRANE-BINDING				
5. With regard to the abstract ,				
X the text is approved as su	bmitted by the applicant.			
the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.				
6. The figure of the drawings to be publ	ished with the abstract is Figure No.	1		
X as suggested by the appli	cant.	None of the figures.		
because the applicant fail	•			
because this figure better	characterizes the invention.			



PCT/GB 00/00834

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inte	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inte	ernational Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

CLASSIFICATION OF SUBJECT MATTER PC 7 A01N1/02 C07K C07K14/705 A61K47/48 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 A01N C07K A61K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X WO 98 39433 A (ADPROTECH PLC) 1 - 1311 September 1998 (1998-09-11) cited in the application claims 1-17 page 20, last paragraph page 22, line 13 - line 19 page 23, line 22 - line 26 X WO 98 02454 A (ADPROTECH PLC) 1 - 1322 January 1998 (1998-01-22) cited in the application claims 1-49 page 25, line 30 - line 35 page 23, line 11 - line 15 WO 97 11601 A (UNIV JOHNS HOPKINS MED) Α 1 - 133 April 1997 (1997-04-03) the whole document Patent family members are listed in annex. Further documents are listed in the continuation of box C. ° Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 25 May 2000 05/06/2000 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Siatou, E Fax: (+31-70) 340-3016



	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 693 462 A (R. M. RAYMOND) 2 December 1997 (1997-12-02) cited in the application claims 1-29	1-13
A	US 5 702 881 A (L. BRASILE ET AL) 30 December 1997 (1997-12-30) cited in the application claims 1-25	1-13
A	US 5 833 989 A (DANUTA EWA IRENA MOSSKOWSKA ET AL) 10 November 1998 (1998-11-10) cited in the application claims 1-16 column 6, line 66 -column 7, line 4 column 8, line 50 - line 55	1-13
A	MAKRIDES S C ET AL: "CELL SURFACE EXPRESSION OF THE C3B/C4B RECEPTOR (CR1) PROTECTS CHINESE HAMSTER OVARY CELLS FROM LYSIS BY HUMAN COMPLEMENT" JOURNAL OF BIOLOGICAL CHEMISTRY, US, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, vol. 264, no. 34, 5 December 1992 (1992-12-05), pages 24754-24761, XP002072411 ISSN: 0021-9258 cited in the application	1–13
A	HANCOCK ET AL: "A polybasic domain or palmitoylation is required in the addition to the CAAX motif to localize p21ras to the plasma membrane" CELL,US,CELL PRESS, CAMBRIDGE, NA, vol. 63, 5 October 1990 (1990-10-05), pages 133-139, XP002079834 ISSN: 0092-8674 cited in the application	1-13

ion on patent family members

ational Application No PCT/GB 00/00834

Patent document cited in search report		Publication date		nt family mber(s)	Publication date
WO 9839433	A	11-09-1998		6509098 A 0979276 A	22-09-1998 16-02-2000
WO 9802454	Α	22-01-1998		3693997 A 0912730 A	09-02-1998 06-05-1999
WO 9711601	Α	03-04-1997	AU	7386796 A	17-04-1997
US 5693462	A	02-12-1997	AU CA EP	5554497 A 4420396 A 2207324 A 0797384 A 9618293 A	10-09-1996 03-07-1996 20-06-1996 01-10-1997 20-06-1996
US 5702881	A	30-12-1997		6409594 A 9421116 A	11-10-1994 29-09-1994
US 5833989	A	10-11-1998	EP WO JP	9328098 D 0649468 A 9400571 A 7508516 T 5859223 A	20-04-2000 26-04-1995 06-01-1994 21-09-1995 12-01-1999

opy for the Elected Office (EO/US)

PATENT COOPERATION TREATY

1197	From the INTERNATIONAL BUREAU		
PCT	То:		
NOTIFICATION OF THE RECORDING OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 422)	DAVIES, Jonathan, Mark RECEIVE Reddie & Grose 16 Theobalds Road MAR - 7 2002 London WC1X 8PL ROYAUME-UNI TECH CENTER 1600/29		
07 September 2001 (07.09.01)			
Applicant's or agent's file reference 40336/JMD	IMPORTANT NOTIFICATION		
International application No. PCT/GB00/00834	International filing date (day/month/year) 08 March 2000 (08.03.00)		
The following indications appeared on record concerning: The applicant the inventor	the agent the common representative		
Name and Address ADPROTECH LIMITED	State of Nationality State of Residence GB GB		
Second floor, Units 7 & 8 The Maltings Green Drift	Telephone No.		
Royston Herts. SG8 5DY United Kingdom	Facsimile No.		
	Teleprinter No.		
2. The International Bureau hereby notifies the applicant that the the person the name X the add			
Name and Address ADPROTECH LIMITED	State of Nationality State of Residence GB GB		
Chesterford Research Park Little Chesterford Saffron Walden	Telephone No.		
Essex CB10 1XL United Kingdom	Facsimile No.		
	Teleprinter No.		
3. Further observations, if necessary:			
4. A copy of this notification has been sent to:			
X the receiving Office	the designated Offices concerned		
the International Searching Authority the International Preliminary Examining Authority	X the elected Offices concerned other:		
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Agnes WITTMANN-REGIS		
Faccimile No : (41-22) 740 14 35	Telephone No.: (41.22) 338 83 38		

TATEM COOLE		1112/ (1-1	
	From 1	he INTERNATIONAL B	UREAU
PCT NOTIFICATION OF THE RECORDING OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 422) Data of mailing (day/month/year) 07 September 2001 (07.09.01)			
		DAVIES, Jonathan, Mark Reddie & Grose 16 Theobalds Road London WC1X 8PL ROYAUME-UNI	
Applicant's or agent's file reference 40336/JMD		IMPORTANT NOT	FICATION
International application No. PCT/GB00/00834	International filing date (day/month/year) ** 08 March 2000 (08.03.00)		
1. The following indications appeared on record concerning: X the applicant the inventor	the age	nt the commo	on representative
Name and Address ADPROTECH LIMITED Second floor, Units 7 & 8 The Maltings Green Drift Royston Herts, SG8 5DY		State of Nationality GB Telephone No. Facsimile No.	State of Residence GB
United Kingdom		Teleprinter No.	
2. The International Bureau hereby notifies the applicant that the	following	ehrnes has been recorded a	oncerning'
the person the name X the address	-	the nationality	the residence
Name and Address ADPROTECH LIMITED		State of Nationality GB	State of Residence GB
Chesterford Research Park Little Chesterford		Telephone No.	
Saffron Walden Essex CB10 1XL United Kingdom		Facsimile No.	
		Teleprinter No.	
3. Further observations, if necessary:	<u></u>		
4. A copy of this notification has been sent to:			
X the receiving Office	F	The designated Offices of	oncerned

The International Bureau of WIPO
34, chemin des Col. mbettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Agnes WITTMANN-REGIS

Telephone No.: (41-22) 338.83.38

Form PCT/18/306 (March 1994)

the International Searching Authority

the International Preliminary Examining Authority

004269002

the elected Offices concerned

other:

TENT COOPERATION TRE. Y

From the INTERNATIONAL BUREAU
Tai

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

. . .

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT

2011 South Clark Place Room

CP2/5C24

Arlington, VA 22202 ETATS-UNIS D'AMERIQUE

THIS D AIMETHAGE

Date of mailing (day/month/year)
05 December 2000 (05.12.00)

in its capacity as elected Office

International application No. PCT/GB00/00834

Applicant's or agent's file reference 40336/JMD

International filing date (day/month/year) 08 March 2000 (08.03.00)

Priority date (day/month/year)

10 March 1999 (10.03.99)

Applicant

SMITH, Richard, Anthony, Godwin et al

	The designated Office is housely notified of its shorting made.
1.	The designated Office is hereby notified of its election made:
l	X in the demand filed with the International Preliminary Examining Authority on:
l	10 October 2000 (10.10.00)
	in a notice effecting later election filed with the International Bureau on:
2.	The election X was
	made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).
	· ·

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

Olivia TEFY

Telephone No.: (41-22) 338.83.38

Facsimile No.: (41-22) 740.14.35

To:

RECEIVED

- 27 NOV 2000

PCT

CAMBRIDGEN OF THE RECORDING

(PCT Rule 92bis.1 and Administrative instructions, Section 422)

From the INTERNATIONAL BUREAU

DAVIES, Jonathan, Mark Reddie & Grose 16 Theobalds Road London WC1X 8PE ROYAUME-UNI

Date of mailing (day/month/year) 14 November 2000 (14.11.00) Applicant's or agent's file reference IMPORTANT NOTIFICATION 40336/JMD International filing date (day/month/year) International application No. PCT/GB00/00834 08 March 2000 (08.03.00)

ent the commo	on representative			
State of Nationality GB Telephone No. Facsimile No. Teleprinter No.	State of Residence GB			
g change has been recorded of the nationality	concerning: the residence			
State of Nationality GB Telephone No. Facsimile No. Teleprinter No.	State of Residence GB			
3. Further observations, if necessary:				
4. A copy of this notification has been sent to: X the receiving Office X the designated Offices concerned				
	State of Nationality GB Telephone No. Facsimile No. Teleprinter No. g change has been recorded of the nationality GB Telephone No. Facsimile No. Teleprinter No. X the designated Offices one the elected Offices cond			

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Form PCT/IB/306 (March 1994)

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Authorized offic

R. Raissi

Telephone No.: (41-22) 338-83-38

FITENT COOPERATION TREA

	From the INTERNATIONAL BUREAU		
PCT	To:		
NOTIFICATION OF THE RECORDING			
OF A CHANGE	DAVIES, Jonathan, Mark		
	Reddie & Grose		
(PCT Rule 92bis.1 and	16 Theobalds Road		
Administrative Instructions, Section 422)	London WC1X 8PL		
	ROYAUME-UNI		
Date of mailing (day/month/year)			
14 November 2000 (14.11.00)			
Applicant's or agent's file reference	INCODE ANT MOTIFICATION		
40336/JMD	IMPORTANT NOTIFICATION		
International application No.	International filing date (day/month/year)		
PCT/GB00/00834	08 March 2000 (08.03.00)		
101/05000004	00 191011 2000 (00102.00)		
The following indications appeared on record concerning:			
X the applicant the inventor	the agent the common representative		
	State of Nationality State of Residence		
Name and Address	GB State of Nationality State of Residence	;	
ADPROTECH plc Second floor, Units 7 & 8			
The Maltings	Telephone No.		
Green Drift Royston	Facsimile No.		
Herts SG8 5DY	racsimile No.	r acsimile ivo.	
United Kingdom	Talancintos Nio	Teleprinter No.	
	l eleprinter No.		
2. The International Bureau hereby notifies the applicant that the			
the person X the name the add	dress the nationality the residence		
Name and Address	State of Nationality State of Residence	,	
ADPROTECH LIMITED	GB GB		
Second floor, Units 7 & 8	Telephone No.		
The Maltings Green Drift			
Royston	Facsimile No.	Facsimile No.	
Herts. SG8 5DY United Kingdom	1		
5g.5	Teleprinter No.		
3. Further observations, if necessary:			
3. I utulei uuseivatuulis, ii noocusuty.			
4. A copy of this notification has been sent to:			
X the receiving Office	the designated Offices concerned		
the International Searching Authority	the elected Offices concerned	the elected Offices concerned	
the International Preliminary Examining Authority	other:		
The International Bureau of WIPO	Authorized officer		
34, chemin des Colombettes	R. Raissi		
1211 Geneva 20, Switzerland			
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38		

Form PCT/IB/306 (March 1994)

P/ INT COOPERATION TREAT

From		m the INTERNATIONAL BUREAU		
PCT				
NOTIFICATION OF THE RECORDING OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 422)		DAVIES, Jonathan, Mark Reddie & Grose 16 Theobalds Road London WC1X 8PL ROYAUME-UNI		
Date of mailing (day/month/year) 08 November 2000 (08.11.00)]]			
Applicant's or agent's file reference 40336/JMD		IMPORTANT NOT	TIFICATION	
International application No. PCT/GB00/00834	i	nal filing date (day/month/) larch 2000 (08.03.00)	/ear)	
The following indications appeared on record concerning: The applicant the inventor [the agen	t the comm	on representative	
Name and Address ADPROTECH plc Second floor, Units 7 & 8		State of Nationality GB	State of Residence GB	
The Maltings Green Drift Royston		Telephone No.		
Herts SG8 5DY United Kingdom		Facsimile No.		
		Teleprinter No.		
2. The International Bureau hereby notifies the applicant that the person X the name the ad	ř	change has been recorded the nationality	concerning: the residence	
Name and Address		State of Nationality GB	State of Residence GB	
ADPROTECH LIMITED Second floor, Units 7 & 8 The Maltings		Telephone No.	G	
Green Drift Royston Herts. SG8 5DY		Facsimile No.		
United Kingdom		Teleprinter No.		
3. Further observations, if necessary:				
4. A copy of this notification has been sent to:				
X the receiving Office		X the designated Offices concerned		
the International Searching Authority		the elected Offices concerned		
the International Preliminary Examining Authority	L	other:		
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland		rthorized officer R. Raissi		
Facsimile No.: (41-22) 740.14.35	Telephone I	Telephone No.: (41-22) 338.83.38		

orm PCT/IB/306 (March 1994)

TENT COOPERATION TREETY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24

Arlington, VA 22202 ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year) 05 December 2000 (05.12.00)	ETATS-UNIS D'AMERIQUE in its capacity as elected Office				
International application No. PCT/GB00/00834	Applicant's or agent's file reference 40336/JMD				
International filing date (day/month/year) 08 March 2000 (08.03.00)	Priority date (day/month/year) 10 March 1999 (10.03.99)				
Applicant SMITH, Richard, Anthony, Godwin et al					

1.	The designated Office is hereby notified of its election made:
	X in the demand filed with the International Preliminary Examining Authority on:
	10 October 2000 (10.10.00)
	in a notice effecting later election filed with the International Bureau on:
2.	The election X was
	was not
	made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).
	· · ·
	•

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

Olivia TEFY

Telephone No.: (41-22) 338.83.38

Facsimile No.: (41-22) 740.14.35

From the INTERNATIONAL BUREAU PCT To: NOTIFICATION OF THE RECORDING DAVIES, Jonathan, Mark OF A CHANGE Reddie & Grose 16 Theobalds Road (PCT Rule 92bis.1 and London WC1X 8PL Administrative Instructions, Section 422) **ROYAUME-UNI** Date of mailing (day/month/year) 19 October 2000 (19.10.00) Applicant's or agent's file reference IMPORTANT NOTIFICATION 40336/JMD International application No. International filing date (day/month/year) 08 March 2000 (08.03.00) PCT/GB00/00834 1. The following indications appeared on record concerning: X the applicant the inventor the agent the common representative State of Nationality State of Residence Name and Address GB GB ADPROTECH LIMITED Second floor, Units 7 & 8 Telephone No. The Maltings Green Drift Royston Facsimile No. Herts SG8 5DY United Kingdom Teleprinter No. 2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning: X the name the nationality the residence the person the address State of Nationality State of Residence Name and Address GB GB ADPROTECH LIMITED Second floor, Units 7 & 8 Telephone No. The Maltings Green Drift Royston Facsimile No. Herts. SG8 5DY United Kingdom Teleprinter No. 3. Further observations, if necessary: 4. A copy of this notification has been sent to: the receiving Office the designated Offices concerned the International Searching Authority the elected Offices concerned the International Preliminary Examining Authority other: Authorized officer The International Bureau of WIPO 34, chemin des Colombettes R. Raissi 1211 Geneva 20, Switzerland

Telephone No.: (41-22) 338.83.38

Facsimile No.: (41-22) 740.14.35

From the INTERNATIONAL BUREAU PCT NOTIFICATION OF THE RECORDING DAVIES, Jonathan, Mark **OF A CHANGE** Reddie & Grose (PCT Rule 92bis.1 and 16 Theobalds Road London WC1X 8PL Administrative Instructions, Section 422) **ROYAUME-UNI** Date of mailing (day/month/year) 14 November 2000 (14.11.00) Applicant's or agent's file reference IMPORTANT NOTIFICATION 40336/JMD International application No. International filing date (day/month/year) PCT/GB00/00834 08 March 2000 (08.03.00) 1. The following indications appeared on record concerning: X the applicant the inventor the agent the common representative State of Nationality State of Residence Name and Address GB ADPROTECH plc GB Second floor, Units 7 & 8 Telephone No. The Maltings Green Drift Royston Facsimile No. Herts SG8 5DY United Kingdom Teleprinter No. 2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning: the person X the name the address the nationality the residence State of Nationality State of Residence Name and Address GB GB ADPROTECH LIMITED Second floor, Units 7 & 8 The Maltings Telephone No. Green Drift Royston Herts. SG8 5DY Facsimile No. United Kingdom Teleprinter No. 3. Further observations, if necessary:

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer
R. Raissi
Telephone No.: (41-22) 338.83.38

4. A copy of this notification has been sent to:

the International Searching Authority

the receiving Office

the designated Offices concerned

the elected Offices concerned

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NOTIFICATION OF THE RECORDING OF A CHANGE

(PCT Rule 92bis.1 and Administrative Instructions, Section 422)

From the	INTERNATIONA	AL BUREAU
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То:
DAVIES, Jonathan, Mark Reddie & Grose 16 Theobalds Road London WC1X 8PL ROYAUME-UNI

	. 1101	AUNIE-UNI	
Date of mailing (day/month/year) 08 November 2000 (08.11.00)			
Applicant's or agent's file reference 40336/JMD		IMPORTANT NOTI	FICATION
International application No.	Internation	onal filing date (day/month/ye	ear)
PCT/GB00/00834		March 2000 (08.03.00)	•
FC1/GB00/00034	00 11	March 2000 (08.03.00)	
The following indications appeared on record concerning: X the applicant the inventor	the ager		on representative
Name and Address		State of Nationality	State of Residence
ADPROTECH plc		GB	GB
Second floor, Units 7 & 8		Telephone No.	d=
The Maltings		·	
Green Drift Royston		Facsimile No.	
Herts SG8 5DY		Facsimile No.	
United Kingdom			
		Teleprinter No.	
The International Bureau hereby notifies the applicant that the the person	F	change has been recorded the nationality	concerning: the residence
Name and Address		State of Nationality	State of Residence
ADPROTECH LIMITED		GB	GB
Second floor, Units 7 & 8		Telephone No.	<u>L</u> .
The Maltings			
Green Drift Royston			
Herts. SG8 5DY		Facsimile No.	
United Kingdom			
		Teleprinter No.	
3. Further observations, if necessary:			
3. Further observations, in necessary.			
	-		
4. A copy of this notification has been sent to:			
X the receiving Office	ſ	X the designated Offices	concerned
the International Searching Authority	Ī	the elected Offices cond	cerned
the International Preliminary Examining Authority	ŗ	other:	
Light the international Freminiary Examining Authority	L	J other.	·

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Authorized officer

R. Raissi

Facsimile No.: (41-22) 740.14.35

Telephone No.: (41-22) 338.83.38

09/936205

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING OF A CHANGE

(PCT Rule 92bis.1 and Administrative Instructions Castion 422)

From	tho	INITER	NATION	Λ١	BUREAU
rrom	tne	III I ENI	NATION	ΑL	BUREAU

To:

DAVIES, Jonathan, Mark RECEIVE Reddie & Grose 16 Theobalds Road London WC1X 8PL

MAR - 7 2002

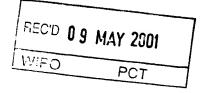
Administrative instructions, Section 422)	ROYAUME-UNI TECH CENTER 1600/290
Date of mailing (day/month/year)	[EO] OLIVILII 1000/200
07 September 2001 (07.09.01)	L
Applicant's or agent's file reference 40336/JMD	IMPORTANT NOTIFICATION
International application No.	International filing date (day/month/year)
PCT/GB00/00834	08 March 2000 (08.03.00)
1. The following indications appeared on record concerning: X the applicant the inventor Name and Address ADPROTECH LIMITED Second floor, Units 7 & 8 The Maltings Green Drift Royston Herts. SG8 5DY United Kingdom	the agent the common representative State of Nationality State of Residence GB GB Telephone No. Facsimile No. Teleprinter No.
The International Bureau hereby notifies the applicant that the the person	
Name and Address ADPROTECH LIMITED Chesterford Research Park Little Chesterford Saffron Walden Essex CB10 1XL United Kingdom	State of Nationality GB GB Telephone No. Facsimile No.
(Teleprinter No.
3. Further observations, if necessary:	
4. A copy of this notification has been sent to:	
X the receiving Office	the designated Offices concerned
the International Searching Authority the International Preliminary Examining Authority	X the elected Offices concerned other:
The International Bureau f WIPO 34, chemin des C lombettes	Authorized officer Agnes WITTMANN-REGIS

Telephone No.: (41-22) 338.83.38

1211 Geneva 20, Switz rland



PCT



INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	See Notification of Transmittal of International						
40336/JMD FOR FURTHER ACTION Preliminary Examination Report (Form PCT/IPEA/4		Preliminary Examination Report (Form PCT/IPEA/416)					
International application No.	International filing date (day/month	/year) Priority date (day/month/year)					
PCT/GB00/00834	08/03/2000	10/03/1999					
International Patent Classification (IPC) or na A01N1/02	ational classification and IPC						
Applicant							
ADPROTECH LIMITED et al.							
This international preliminary exam and is transmitted to the applicant a		by this International Preliminary Examining Authority					
2. This REPORT consists of a total of	7 sheets, including this cover sh	neet.					
been amended and are the bas	ed by ANNEXES, i.e. sheets of the sis for this report and/or sheets c 07 of the Administrative Instruction	e description, claims and/or drawings which have ontaining rectifications made before this Authority ons under the PCT).					
These annexes consist of a total of	sheets.						
This report contains indications relations	ating to the following items:						
Ⅰ Basis of the report							
Ⅱ □ Priority							
<u></u>	•	entive step and industrial applicability					
IV Lack of unity of invention							
	nder Article 35(2) with regard to r ons suporting such statement	novelty, inventive step or industrial applicability;					
VI 🗆 Certain documents cité	ed						
VII 🛛 Certain defects in the i	nternational application	•					
VIII Certain observations of	n the international application						
Date of submission of the demand	Date of c	ompletion of this report					
10/10/2000	07.05.20	01					
Name and mailing address of the international preliminary examining authority:	Authoriz	ed officer					
European Patent Office D-80298 Munich	Mitche	I, G					
Tel. +49 89 2399 - 0 Tx: 523650 Fax: +49 89 2399 - 4465	·	ne No. +49 89 2399 8678					

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB00/00834

I.	Bas	sis of the report
1.	the and	n regard to the elements of the international application (Replacement sheets which have been furnished to receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" I are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)): scription, pages:
	1-3	2 as originally filed
	Cla	ims, No.:
	1-1:	as originally filed
	Dra	wings, sheets:
	1/1	as originally filed
2.		n regard to the language , all the elements marked above were available or furnished to this Authority in the guage in which the international application was filed, unless otherwise indicated under this item.
	The	se elements were available or furnished to this Authority in the following language: , which is:
		the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
		the language of publication of the international application (under Rule 48.3(b)).
		the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).
3.		n regard to any nucleotide and/or amino acid sequence disclosed in the international application, the rnational preliminary examination was carried out on the basis of the sequence listing:
		contained in the international application in written form.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority in written form.
		furnished subsequently to this Authority in computer readable form.
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ The statement that the information recorded in computer readable form is identical to the written sequence

☐ the description,

☐ the claims,

listing has been furnished.

4. The amendments have resulted in the cancellation of:

pages:

Nos.:

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB00/00834

		the drawings,	sheets:
5.			established as if (some of) the amendments had not been made, since they have bee ond the disclosure as filed (Rule 70.2(c)):
		(Any replacement sh report.)	eet containing such amendments must be referred to under item 1 and annexed to this
6.	Add	litional observations, i	necessary:
H.	Nor	n-establishment of o	pinion with regard to novelty, inventive step and industrial applicability
1.		•	e claimed invention appears to be novel, to involve an inventive step (to be non- ally applicable have not been examined in respect of:
		the entire internation	al application.
	Ø	claims Nos. 10-13.	
be	caus	se:	
	Ø		application, or the said claims Nos. relate to the following subject matter which does ational preliminary examination (specify):
		·	s or drawings (indicate particular elements below) or said claims Nos. are so unclear binion could be formed (specify):
		the claims, or said cla	aims Nos. are so inadequately supported by the description that no meaningful opinior
		no international sear	ch report has been established for the said claims Nos
2.	and	•	I preliminary examination cannot be carried out due to the failure of the nucleotide ice listing to comply with the standard provided for in Annex C of the Administrative
		the written form has i	not been furnished or does not comply with the standard.
		the computer readab	e form has not been furnished or does not comply with the standard.
	cita		der Article 35(2) with regard to novelty, inventive step or industrial applicability; ns supporting such statement
	Nov	relty (N)	Yes: Claims

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB00/00834

No:

Claims 1-13

Inventive step (IS)

Yes: Claims

No:

Claims 1-13

Industrial applicability (IA)

Yes:

Claims 1-9

No: Claims

2. Citations and explanations see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted: see separate sheet

R Item III

Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

Claims 10-13 relate to subject-matter considered by this Authority to be covered by the provisions of Rule 67.1(iv) PCT. Consequently, no opinion will be formulated with respect to the industrial applicability of the subject-matter of these claims (Article 34(4)(a)(i) PCT).

For the assessment of the present claims 10 -13 on the question whether they are industrially applicable, no unified criteria exist in the PCT Contracting States. The patentability can also be dependent upon the formulation of the claims. The EPO, for example, does not recognize as industrially applicable the subject-matter of claims to the use of a compound in medical treatment (claims 10-13), but may allow, however, claims to a known compound for first use in medical treatment and the use of such a compound for the manufacture of a medicament for a new medical treatment.

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Reference is made to the following documents:

- D1: WO 98 39433 A (ADPROTECH PLC) 11 September 1998 (1998-09-11) cited in the application
- D2: WO 98 02454 A (ADPROTECH PLC) 22 January 1998 (1998-01-22) cited in the application
- D3: WO 97 11601 A (UNIV JOHNS HOPKINS MED) 3 April 1997 (1997-04-03)
- D4: US-A-5 833 989 (DANUTA EWA IRENA MOSSKOWSKA ET AL) 10 November 1998 (1998-11-10) cited in the application

The present application relates to the preparation for perfusion of an organ prior to transplantation or storage of the organ. Said preparation comprises a derivative of a soluble polypeptide and a physiologically acceptable flush storage solution.

In a preferred embodiment of the claimed invention of the present application, the soluble derivatives of the soluble peptides of D1, D2 and D4 are diluted in Soltran kidney perfusion (page 12, lines 3-6).

D1 discloses a soluble polypeptide, the sequence of which is given on page 5, line 31-41. D1 further discloses that the polypeptide or its derivatives are useful in the treatment or diagnoses of many complement-mediated or complement-related diseases (page 20, line 19-21) and that the polypeptide or it's derivative may be formulated into an appropriate pharmaceutical or therapeutical composition (page 22, line 15-21). Moreover, the administration of the polypeptide may be to the patient or by application to the transplant prior to implantation (page 23, line 22-26).

D2 concerns conjugates of soluble peptidic compounds with membrane-binding agents as defined in claim 1 of D2. The application of these soluble peptidic compounds in therapy is disclosed (page 23, line 11-17 and page 25, line 30-35), wherein an effective amount of a soluble complement inhibitor, i.e. the peptide, is administered to the patient or by application to the transplant prior to implantation.

D3 relates to the soluble peptide used in the present application and its use in a pharmaceutical composition. D3 discloses (column 7 and 8) that for administration the polypeptide should be formulated into an appropriate composition which contains a therapeutically active amount of the polypeptide and a pharmaceutically acceptable excipient or carrier. The polypeptide is suitable for the treatment of disease or disorder associated with inappropriate complement activation. The composition can be administered to the patient or by application to the transplant prior to implantation.

From the teaching of D4 (page 5, line 3-7) the CR1, which is the preferred embodiment of the soluble peptide of claim 1 of the present application, is administered by any suitable means including intralesional administration (which includes "perfusing or otherwise contacting the graft with the CR1 prior to transplantation".)

Therefore, in light of the prior art, claims 1-13 are neither new nor inventive (Art. 33 (1)-(3) PCT). The use of a soluble peptide, as defined in claim 1, in a composition is known. Although the specific term "flush storage solution" is not specifically disclosed in D1-D4, it is understood from the description that said flush storage solution, of which

EXAMINATION REPORT - SEPARATE SHEET

Soltran is an example, is well known in the art and is therefore considered to be implicitly disclosed when a pharmaceutically suitable excipient or carrier is referred to. Furthermore, although a technical effect is illustrated in Figure 1 it is not surprising given the nature of a perfusion, which is to provide oxygen and nutrients to target organs and tissues.

Therefore, claims 1-13 do not satisfy the requirements of Art. 33 PCT.

Re Item VII

Certain defects in the international application

- The term "incorporated herein by reference" is used on page 32 of the description. If the documents mentioned are to be incorporated, the disclosure thereof should be included expressis verbis in the description under the conditions set out in the Guidelines C-II, 4.18 or the phrase "incorporated herein by reference" should be deleted.
- Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the document 3 is not mentioned in the description, nor is this document identified therein.

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SEQUENCE INFORMATION

NOTE:

Amino acid numbering shown below for the SCR constructs (SEQ ID Nos 1 through 2) assumes that the N-terminal methionine (used for E. coli expression) is M1. This contrasts with numbering in the Examples where M0 is used. Therefore for the sequence numbering shown below, deduct '1' from the numbering to match with the Examples.

- (2) INFORMATION FOR SEQ ID NO:1:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 215 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: peptide
 - (v) FRAGMENT TYPE: N-terminal
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Met Gln Cys Asn Ala Pro Glu Trp Leu Pro Phe Ala Arg Pro Thr Asn
1 5 10 15

Leu Thr Asp Glu Phe Glu Phe Pro Ile Gly Thr Tyr Leu Asn Tyr Glu 20 25 30

Cys Arg Pro Gly Tyr Ser Gly Arg Pro Phe Ser Ile Ile Cys Leu Lys 35 40 45

Asn Ser Val Trp Thr Gly Ala Lys Asp Arg Cys Arg Arg Lys Ser Cys
50 55 60

SUBSTITUTE SHEET (RULE 26)

2/5

Arg Asn Pro Pro Asp Pro Val Asn Gly Met Val His Val Ile Lys Gly 70 75 Ile Gln Phe Gly Ser Gln Ile Lys Tyr Ser Cys Thr Lys Gly Tyr Arg 90 Leu Ile Gly Ser Ser Ser Ala Thr Cys Ile Ile Ser Gly Asp Thr Val 105 Ile Trp Asp Asn Glu Thr Pro Ile Cys Asp Arg Ile Pro Cys Gly Leu 120 115 Pro Pro Thr Ile Thr Asn Gly Asp Phe Ile Ser Thr Asn Arg Glu Asn 130 135 Phe His Tyr Gly Ser Val Val Thr Tyr Arg Cys Asn Pro Gly Ser Gly 150 155 Gly Arg Lys Val Phe Glu Leu Val Gly Glu Pro Ser Ile Tyr Cys Thr 170 Ser Asn Asp Asp Gln Val Gly Ile Trp Ser Gly Pro Ala Pro Gln Cys 185 Ile Ile Pro Asn Lys Cys-S-S-{Cys Asp Gly Pro Lys Lys Lys Lys 195 | | CO2H CONH2

SUBSTITUTE SHEET (RULE 26)

Lys Ser Pro Ser Lys Ser Ser Gly} (N-Myristoyl)

3/5

(2)	INFORMATION	FOR	SEQ	ID	NO:2:
(21	TMLOKLITTON	LOK	224		

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 218 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: peptide
- (v) FRAGMENT TYPE: N-terminal
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Met Gln Cys Asn Ala Pro Glu Trp Leu Pro Phe Ala Arg Pro Thr Asn 1 5 10 15

Leu Thr Asp Glu Phe Glu Phe Pro Ile Gly Thr Tyr Leu Asn Tyr Glu
20 25 30

Cys Arg Pro Gly Tyr Ser Gly Arg Pro Phe Ser Ile Ile Cys Leu Lys

Asn Ser Val Trp Thr Gly Ala Lys Asp Arg Cys Arg Arg Lys Ser Cys
50 55 60

Arg Asn Pro Pro Asp Pro Val Asn Gly Met Val His Val Ile Lys Gly 65 70 75 80

Ile Gln Phe Gly Ser Gln Ile Lys Tyr Ser Cys Thr Lys Gly Tyr Arg

Leu Ile Gly Ser Ser Ser Ala Thr Cys Ile Ile Ser Gly Asp Thr Val

SUBSTITUTE SHEET (RULE 26)

4/5

105

110

Ile Trp Asp Asn Glu Thr Pro Ile Cys Asp Arg Ile Pro Cys Gly Leu 115 120 125

100

Pro Pro Thr Ile Thr Asn Gly Asp Phe Ile Ser Thr Asn Arg Glu Asn 130 135 140

Phe His Tyr Gly Ser Val Val Thr Tyr Arg Cys Asn Pro Gly Ser Gly 145 150 150 160

Gly Arg Lys Val Phe Glu Leu Val Gly Glu Pro Ser Ile Tyr Cys Thr 165 170 175

Ser Asn Asp Asp Gln Val Gly Ile Trp Ser Gly Pro Ala Pro Gln Cys 180 185 190

Pro Lys Lys Lys Lys Lys Ser Pro Ser Gly} (N-Myristcyl)

(SEQ ID NO: 3)

 $\label{lem:conditional} $$N-(Myristoyl)-Gly-Ser-Pro-Ser-Lys-Lys-Lys-Lys-Lys-Pro-Gly-Leu-Ser-Ser-Arg-Leu-Asp-Ala-(S-2-Thiopyridyl)Cys-NH_2$$

(SEQ ID NO: 4)

 $Gly\text{-}Ser\text{-}Pro\text{-}Ser\text{-}Lys\text{-}Lys\text{-}Lys\text{-}Lys\text{-}Pro\text{-}Gly\text{-}Leu\text{-}Ser\text{-}Ser\text{-}Arg\text{-}Leu\text{-}Asp\text{-}Ala\text{-}Cys\text{-}NH}_2$

SUBSTITUTE SHEET (RULE 26)

5/5

(SEQ ID NO: 5)

Pro-Ser-Lys-Lys-Lys-Lys-Pro

(SEQ ID NO: 6)

Leu-Ser-Ser-Arg-Leu-Asp-Ala

WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7: A01N 1/02, C07K 14/705, A61K 47/48

A1

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9905503.0

10 March 1999 (10.03.99)

GB

(71) Applicant (for all designated States except US): ADPROTECH LIMITED [GB/GB]; Second floor, Units 7 & 8, The Maltings, Green Drift, Royston, Herts. SG8 5DY (GB).

(72) Inventors; and

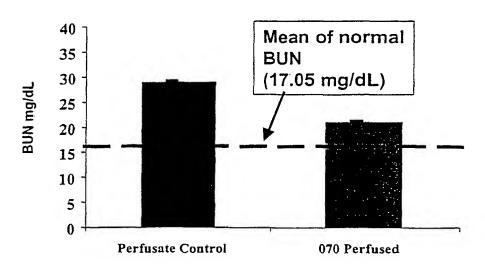
- (75) Inventors/Applicants (for US only): SMITH, Richard, Anthony, Godwin [GB/GB]; Norfolk House, Haverhill Road, Horseheath, Cambridge CB1 6QR (GB). PRATT, Julian, Roy [GB/GB]; 57 Leathermarket Court, London SE1 3HS (GB). SACKS, Steven, Howard [GB/GB]; 12 Holbrook Lane, Chislehurst, Kent BR7 6PF (GB).
- (74) Agent: DAVIES, Jonathan, Mark; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

(54) Title: ORGAN TRANSPLANT SOLUTIONS CONTAINING CONJUGATES OF SOLUBLE PEPTIDIC COMPOUNDS WITH MEMBRANE-BINDING



(57) Abstract

This invention relates to formulations of polypeptides and their derivatives that act as inhibitors or regulators of the immune or coagulation systems and are of use in organ transplantation. It provides solutions which include, for example, complement inhibitors or regulators of T- or B-lymphocyte function in modified molecular forms that can be used to perfuse and modify organs prior to transplantation or to store organs prior to transplantation, and to localise agents on organs. It further provides for a preparation for perfusion of an organ prior to transplantation or storage of the organ comprising: a soluble derivative of a soluble polypeptide, said derivative comprising two or more heterologous membrane binding elements with low membrane affinity covalently associated with the polypeptide which elements are capable of interacting, independently and with thermodynamic additivity, with components of membranes of the organ exposed to extracellular perfusion fluids; and a physiologically acceptable flush storage solution.

FOR THE PURPOSES OF INFORMATION ONLY

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EE	Estonia	LR	Liberia	SG	Singapore		

			00, 00004						
A. CLASSIF IPC 7	FICATION OF SUBJECT MATTER A01N1/02 C07K14/705 A61K47/	48							
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols) IPC 7 A01N C07K A61K									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category *	Citation of document, with indication, where appropriate, of the re	elevant passages	Relevant to claim No.						
X	WO 98 39433 A (ADPROTECH PLC) 11 September 1998 (1998-09-11) cited in the application claims 1-17 page 20, last paragraph page 22, line 13 - line 19		1-13						
x	page 23, line 22 - line 26 WO 98 02454 A (ADPROTECH PLC)		1-13						
	22 January 1998 (1998-01-22) cited in the application claims 1-49 page 25, line 30 - line 35 page 23, line 11 - line 15								
A	WO 97 11601 A (UNIV JOHNS HOPKIN 3 April 1997 (1997-04-03) the whole document	S MED) -/	1-13						
X Furth	her documents are listed in the continuation of box C.	Patent family members are li	sted in annex.						
* Special car	ategories of cited documents :	T* later document published after the	international filing data						
consid "E" earlier of filling d "L" docume which	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another	T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention							
"O" docume "P" docume	n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but	cannot be considered to involve a document is combined with one o ments, such combination being o in the art.	an inventive step when the or more other such docu- bvious to a person skilled						
later th	han the priority date claimed	*&* document member of the same pa	<u>.</u>						
	actual completion of the international search 25 May 2000	Date of mailing of the international 05/06/2000	аг зөвгөн гөрөп						
<u> </u>	mailing address of the ISA	Authorized officer							
	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Siatou, E	Siatou, E						



Inte Jonal Application No PCT/GB 00/00834

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	<u> </u>
Category *		Relevant to claim No.
A	US 5 693 462 A (R. M. RAYMOND) 2 December 1997 (1997-12-02) cited in the application claims 1-29	1-13
A	US 5 702 881 A (L. BRASILE ET AL) 30 December 1997 (1997-12-30) cited in the application claims 1-25	1–13
A	US 5 833 989 A (DANUTA EWA IRENA MOSSKOWSKA ET AL) 10 November 1998 (1998-11-10) cited in the application claims 1-16 column 6, line 66 -column 7, line 4 column 8, line 50 - line 55	1-13
A .	MAKRIDES S C ET AL: "CELL SURFACE EXPRESSION OF THE C3B/C4B RECEPTOR (CR1) PROTECTS CHINESE HAMSTER OVARY CELLS FROM LYSIS BY HUMAN COMPLEMENT" JOURNAL OF BIOLOGICAL CHEMISTRY,US,AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, vol. 264, no. 34, 5 December 1992 (1992-12-05), pages 24754-24761, XP002072411 ISSN: 0021-9258 cited in the application	1-13
Α	HANCOCK ET AL: "A polybasic domain or palmitoylation is required in the addition to the CAAX motif to localize p21ras to the plasma membrane" CELL,US,CELL PRESS, CAMBRIDGE, NA, vol. 63, 5 October 1990 (1990-10-05), pages 133-139, XP002079834 ISSN: 0092-8674 cited in the application	1-13
	-	

...emational application No.

PCT/GB 00/00834

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box ii Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.



Information on patent family members

Inte ional Application No PCT/GB 00/00834

	atent docum int d in search report		Publication date	1	Patent family member(s)	Publication dat
WO	9839433	A	11-09-1998	AU EP	6509098 A 0979276 A	22-09-1998 16-02-2000
WO	9802454	Α	22-01-1998	AU EP	3693997 A 0912730 A	09-02-1998 06-05-1999
WO	9711601	Α	03-04-1997	AU	7386796 A	17-04-1997
US	5693462	A	02-12-1997	US AU CA EP WO	5554497 A 4420396 A 2207324 A 0797384 A 9618293 A	10-09-1996 03-07-1996 20-06-1996 01-10-1997 20-06-1996
US	5702881	A	30-12-1997	AU WO	6409594 A 9421116 A	11-10-1994 29 - 09-1994
US	5833989	A	10-11-1998	DE EP WO JP US	69328098 D 0649468 A 9400571 A 7508516 T 5859223 A	20-04-2000 26-04-1995 06-01-1994 21-09-1995 12-01-1999